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Patent
Attorney's Docket No. 028723-061

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

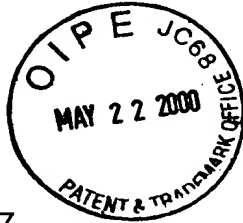
In re Patent Application of

Joe W. GRAY et al

Application No.: 08/478,387

Filed: June 7, 1995

For: CHROMOSOME-SPECIFIC STAINING
TO DETECT GENETIC
REARRANGEMENTS ASSOCIATED
WITH CHROMOSOME 3 AND/OR
CHROMOSOME 17 (as amended)



Group Art Unit: 1655

Examiner: A. Marschel

REPLY AND AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In complete response to the Official Action dated November 22, 1999, please
amend the above-cited application as follows:

IN THE CLAIMS

1. (Four Times Amended) A method of staining targeted chromosomal
material based upon nucleic acid segment employing a unique sequence high
complexity nucleic acid probe of greater than about 50,000 bases, wherein said
targeted chromosomal material is a genetic rearrangement associated with
chromosome 3 and/or chromosome 17 in humans, said method comprising

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